

# SELF-POSITIONING GUARD OF A PRINTER FOR CONTROLLING ACCESS TO AN OPENING ON A HOUSING OF THE PRINTER

## Abstract

A self-positioning guard of a printer includes a cover for blocking an access opening of the printer and a positioning apparatus coupled to the cover for controlling movement of the cover. The cover has a plate for blocking the access opening and a hinge coupled to the plate for allowing the plate to pivot away from the access opening. The positioning apparatus has a motor for supplying a rotational motion, and a Scotch yoke coupled to the motor for converting the rotational motion into a linear motion for moving the cover.